

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	31	"6222951"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:12
L5	922	((mask or reticle) with pattern with opaque near4 transparent).detx.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:19
L9	1359	((reticle) and pattern and opaque and transparent).detx.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:24
L10	983	((reticle) and pattern and opaque and transparent).detx. and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:24
L11	928	((reticle) and pattern and opaque and transparent).detx. and wafer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/22 18:24
L18	1668	((257/448) or (385/131)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/22 19:08
S1	0	silicon with germanium with photodetector with heterojunction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:38

## EAST Search History

S2	58794	silicon with germanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:39
S3	374	photodetector with heterojunction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:39
S4	716	(photodetector photodiode phototransistor) with heterojunction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:39
S5	5	S2 same S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:39
S6	214	S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 14:40
S9	79	gunn near III	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 16:25
S10	62	gunn near III near3 lawrence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 16:25

## EAST Search History

S11	2	S10 and heterojunction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 16:26
S12	3	luxtera and heterojunction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 16:26
S13	8	luxtera and (heterojunction or germanium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 17:24
S14	22	waveguide and silicon with heterojunction with germanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/21 17:25
S15	33	waveguide and silicon with heterojunction with germanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 17:25
S17	49	"5107538"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 18:07
S18	41	"5682455"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 17:50

## EAST Search History

S19	0	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 17:50
S21	56	(mask\$1work mask adj work) and @pd<"19800101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 18:07
S23	15	("20030027409" "20030161571" "20030176075" "20040056243" "20050053347" "5280189" "5442205" "5708739" "5783839" "5793913" "5915051" "6075253" "6154475" "6222951" "6391214").PN.	US-PGPUB; USPAT	OR	ON	2007/09/22 13:55
S24	33	(Schuppert "5280189") and waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 14:39
S25	0	germanium same cladding same rib adj waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 15:34
S26	152	germanium and rib adj waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 14:41
S27	36	S26 and section same rib	US-PGPUB; USPAT	OR	ON	2007/09/22 14:40
S28	19	germanium same rib adj waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 14:41
S29	4	germanium with rib adj waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 14:41
S30	13	("20010035540"   "20020195616"   "20030165314"   "20040251483"   "20050051861"   "3324297"   "4009058"   "4212019"   "5280189"   "6465803"   "6759675"   "7082248"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 15:25
S32	16	"6074892"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/22 15:33
S33	8	knights and rib adj waveguide	US-PGPUB; USPAT	OR	ON	2007/09/22 15:37
S34	3	(knights and rib adj waveguide) "20060039666"	DERWENT	OR	ON	2007/09/22 16:00
S35	4	"6801676"	DERWENT	OR	ON	2007/09/22 16:15
S36	5	"6801676"	USPAT	OR	ON	2007/09/22 16:15